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And Types Marshall's Unionid Types

or

Types of recent and fossil Unionacea and Mutelscea introduced by William B. Marshall, including a bibliography of all his writings on mollusks

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William B. Marshall (1865-1957) Photograph 1931

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MARSHALL'S UNIONID TYPES

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TYPES OF RECENT AND FOSSIL UNIONACEA AND MUTELACEA INTRODUCED BY WILLIAM B. MARSHALL, INCLUDING A BIBLIOGRAPHY OF ALL OF HIS WRITINGS ON MOLLUSKS.

By Richard I. Johnson

William B. Marshall (1865-1957) was, as a young man, employed by the New York State Museum, Albany, New York where he began publishing on the local Unionacea. Later he became associated with the National Museum, where he remained until retirement. With the exception of his last paper published in the Journal of the Washington Academy of Science, all of Marshall's new genera and species were published in the Proceedings of the United States National Museum. All his types are in the National Museum.

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- 1928. Strophocheilus (Borus) globosus Martens. Nautilus 42: 21-22.
- 1928. New fossil pearly fresh-water mussels from deposits on the upper Amazon of Peru. Proc. United States Natl. Mus. <u>74</u>, art. 3, pp. 1-7, pl. 1.

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- 1930. Mollusks from below Conowingo Dam, Maryland. Nautilus $\underline{43}$: 87-88.
- 1930. Type of Anodontites Bruguiere. Nautilus 43: 128-130.
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- 1930. Bulimulus hendersoni new name. Nautilus 44: 100.
- 1931. <u>Ruganodontites</u>, a new subgenus of South American pearly fresh-water mussels. Nautilus <u>45</u>: 16-20.
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 Mexican pearly fresh-water mussels. Proc. United States Natl.

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- 1932. Two new land shells of the genus <u>Bulimulus</u> from Bolivia.

 Proc. United States Natl. Mus. <u>81</u>, art. 14, pp. 1-3, pl. 1.
- 1932. Limpets bored by Natica? Nautilus 46: 45-47.
- 1932. and Edgar O. Bowles. New fossil fresh-water mollusks from Ecuador. Proc. United States Natl. Mus. $\underline{82}$, art. 5, pp. 1-7, pl. 1.
- 1933. New fresh-water gastropod mollusks of the genus <u>Chilina</u> of South America. Proc. United States Natl. Mus. <u>82</u>, art. 8, pp. 1-6, pl. 1.
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- 1933. The pedal protractor muscle scar in shells of Naiades. Nautilus $\underline{47}$: 72-76.
- 1934. Two new species of pearly fresh-water mussels. Jour. Washington Acad. Sci. <u>24</u> (2): 78-81.

RECENT AND FOSSIL TAXA OF UNIONACEA AND MUTELACEA INTRODUCED By WILLIAM B. MARSHALL

The following list includes all of the molluscan taxa introduced by William B. Marshall; these include a number of genera as well as species. It is arranged alphabetically by species, giving the year and place of publication of the original description, the type locality, and the type number.

The following abbreviations have been used in this list:

PUSNM -- Proceedings United States National Museum

USNM -- National Museum of Natural History

- Antediplodon Marshall, genus: 1929, PUSNM 76, art. 1, p. 4.

 Type species: Unio dumblei Simpson, original designation.
- arcuatus Marshall, <u>Diplodon</u>: 1922, PUSNM <u>61</u>, art. 16, p. 4, pl. 1, figs. 4, 6; pl. 2, figs. 7, 10; pl. 3, fig. 13. (Barra de Sacra, Department of Paysandu, Uruguay). Holotype USNM 341376.
- asuncionis Marshall, <u>Diplodon</u>: 1926, PUSNM <u>69</u>, art. 12, p. 8, pl. 2, figs. 2, 8; pl. 3, fig. 5 (Paraguay River, Asuncion, Paraguay). Holotype USNM 361959.
- aurora Marshall, Anodontites: 1915, PUSNM 49: 529, pl. 69, figs.
 1-3 (Ceara, Brazil). Holotype USNM 273689

- bassleri Marshall, Prodiplodon: 1928, PUSNM 74, art. 3, p.3,
- pl. 1, fig. 1 (Pebas, Peru [fossil]). Holotype USNM 370811.
- bibliana Marshall and Bowles, Ecuadorea: 1932, PUSNM 82, art.
 5, p. 5, pl. 1, figs. 7, 8 (Biblian, Province of Canar,
 Ecuador). Holotype USNM 372843.
- <u>Castaliodes</u> Marshall, genus: 1934, Jour. Washington Acad. Sci. <u>24</u>: 78. Type species: <u>Castaliodes</u> <u>laddi</u> Marshall, original deisgnation.
- <u>Cokeria</u> Marshall, genus: 1916, Nautilus <u>29</u>: 133. Type species, <u>Cokeria southalli</u> Marshall, original designation.
- cookei Marshall, <u>Diplodontites</u>: 1922, PUSNM <u>61</u>, art. 16, p. 2, pl. 1, figs. 1, 3, 7, 8, 10; pl. 3, fig. 4 (tributary of the Rio Colorado, which in turn becomes a tributary to the Rio Magdalena, Province of Santander, Colombia). Holotype USNM 341373.
- colombiensis Marshall, Anodontites: 1922, PUSNM 61, art. 16,
 p. 7, pl. 1, fig. 5; pl. 2, figs. 13, 14; pl. 3, figs.
 5, 13, 14 (tributary of the Rio Colorado, Province of
 Santander, Colombia). Holotype USNM 341472.
- darochai Marshall, Anodontites: 1915, PUSNM 49: 528, pl. 68, figs. 1-3 (Ceara, Brazil). Holotype USNM 273687.
- dewittensis Marshall, Antediplodon: 1929, PUSNM 76, art. 1,
 p. 5, pl. 1, fig. 7 (along Guadalupe River, south central
 De Witt Co., Texas, Reynosa Formation: Tertiary). Holotype
 USNM 371003.

- <u>Diplodontites</u> Marshall, genus: 1922, PUSNM <u>61</u>, art. 16, p. 1.

 Type species: <u>Diplodontites</u> <u>cookei</u> Marshall, original designation.
- divaricatus Marshall, Elliptio: 1926, PUSNM 69, art. 12, p. 5,
 pl. 1, figs. 1, 2; pl. 3, fig. 3 (Finca de Provindencia,
 Guatemala). Holotype USNM 362398.
- Ecuadorea Marshall and Bowles, genus: 1932, PUSNM 82, art. 5, p. 5. Type species: Ecuadorea bibliana Marshall and Bowles, original designation.
- elfa Marshall, Anodontites: 1928, PUSNM 74, art. 17, p. 3, pl. 4, figs. 4-6 (Canada Grande, Department of Cerro Largo, Uruguay). Holotype USNM 368998.
- Eodiplodon Marshall, genus: 1928, PUSNM 74, art. 3, p. 4.

 Type species Eodiplodon gardnerae Marshall, original designation [fossil].
- Eonaias Marshall, genus: 1929, PUSNM 76, art. 1, p. 3. Type species: Eonaias reynosenica Marshall, original designation.
- felipponei Marshall, Diplodon: 1917, PUSNM 53: 381, pl. 50,
 figs. 1-3; pl. 51, fig. 1 (Maldonado, Uruguay). Holotype
 USNM 322291.
- felipponei Marshall, Monocondylaea: 1922, PUSNM 61, art. 16,
 p. 8, pl. 1, figs. 2, 13; pl. 2, figs. 4, 11; pl. 3, fig
 7 (Barra del Arroyo Sacra, Department of Pausandu, Uruguay).
 Holotype USNM 340663

- felipponei Marshall, Mycetopoda: 1928, PUSNM 74, art. 17, p. 4,
 pl. 1, fig. 2, pl. 3, figs. 1, 3 (Canada Grande, Department
 of Cerro Largo, Uruguay). Holotype USNM 368235.
- fortis Marshall, <u>Diplodon</u>: 1917, PUSNM <u>53</u>: 382, pl. 52, figs.

 1-4 (Río Negro, Tacuarembo, Uruguay). Holotype USNM 270899.
- gardnerae Marshall, Eodiplodon: 1928, PUSNM 74, art. 3, p. 4,
 pl. 1, figs. 2, 8 (Pebas, Peru [fossil]). Holotype USNM
 370812.
- guanariensis Marshall, Anodontites: 1927, PUSNM 71, art. 6,
 p. 3, pl. 1, figs. 4-6 (dried lagoon at Mata Verde, near
 Guanare, Portuguesa, Venezuela, Orinoco River drainage).
 Holotype USNM 365225.
- herrerae Marshall, Elliptio: 1924, PUSNM 63, art. 16, p. 1, pl.
 1, figs. 6-8; pl. 2, figs. 4, 5 (Estera del Avileno, State
 of Tamaulipas, Mexico). Holotype USNM 347183.
- <u>irisans</u> Marshall, <u>Anodontites</u>: 1926, PUSNM <u>69</u>, art. 12, p. 10, pl. 2, figs. 3, 5; pl. 3, fig. 7 (Venezuela). Holotype USNM 359920.
- jacksoni Marshall, <u>Diplodon</u>: 1928, PUSNM <u>74</u>, art. 17, p. 1, pl. 4, figs. 1-3 (Arcas, this locality is on a small tributary, near the source of the Rio Sao Francisco which flows in a general NE course and enters the Atlantic at about Latitude 11°S, Province of Minas Geres, Brazil). Holotype USNM 368260.

- lempensis Marshall, Nephronaias: 1926, PUSNM 69, art. 12, p. 4,
 pl. 2, figs. 4, 6; pl. 3, fig. 4 (Rio Lempe, at the railroad bridge, Salvador). Holotype USNM 361764.
- linki Marshall, Tetraplodon: 1926, PUSNM 69, art. 12, p. 6,
 pl. 1, figs. 6, 7, pl. 3, fig. 2 (Sinu River, Lorica,
 Province of Bolivar, Colombia). Holotype USNM 362860.
- mansfieldi Marshall, Anodontites: 1928, PUSNM 74, art. 17, p.
 4, pl. 2, figs. 1-3 (Canada Grande, Department of Cerro
 Largo, Uruguay). Holotype USNM 368254.
- Mycetopodella Marshall, genus: 1927, PUSNM 71, art. 6, p. 1.
 Type species: Mycetopus falcatus Higgins, monotypy.
- palmeri Marshall, Anodontites: 1930, PUSNM 77, art. 2, p. 6,
 pl. 2, figs. 1, 4, 7 (small stream 13 km S Puerto Santos,
 Province of Santander del Norte Colombia). Holotype USNM
 380695.
- paucarpatensis Marshall, Prodiplodon: 1928, PUSNM 74, art. 3,
 p. 4, pl. 1, fig. 4 (Paucarpata, on the Maranon River, Peru
 [fossil]). Holotype USNM 370810.

- pebasensis Marshall, Eodiplodon: 1928, PUSNM 74, art. 3, p. 5,
 pl. 1, figs. 5, 7 (Pebas, Peru [fossil]). Holotype USNM
 370813.
- perfragilis Marshall, Diplodon: 1924, PUSNM 63, art. 16, p. 2,
 pl. 1, figs. 3, 4; pl. 2, figs. 1-3 (Department of Colonia,
 Uruguay). Holotype USNM 346801.
- pilsbryi Marshall, Diplodon: 1928, PUSNM 74, art. 17, p. 2, pl.
 1, figs. 1, 3; pl. 3, fig. 2 (Canada Grande, Department of
 Cerro Largo, Uruguay). Holotype USNM 368237.
- pittieri Marshall, Anodontites: 1922, PUSNM 61, art. 16, p. 6,
 pl. 1, figs. 9, 11; pl. 2, figs. 1, 12; pl. 3, fig. 6
 (Guaremales, Venezuela). Holotype USNM 339954.
- pittieri Marshall, Mycetopoda: 1927, PUSNM 71, art. 6, p. 4, pl.
 2, figs. 1-3 (dried lagoon at Mata Verde, near Guanare,
 Portuguesa, Venezuela, Orinoco River drainage). Holotype
 USNM 366227.
- <u>Pliconaias</u> Marshall, genus: 1929, PUSNM <u>76</u>, art. 1, p. 2. Type species: <u>Pliconaias</u> popenoei Marshall, original designation.
- podagrosus Marshall, Diplodon: 1924, PUSNM 63, art. 16, p. 3,
 pl. 1, figs. 1, 2, 5; pl. 2, figs. 6, 7 (Colon, Province of
 Entre Rios, Argentina). Holotype USNM 346770.

- popenoei Marshall, Pliconaias: 1929, PUSNM 76, art. 1, p. 2,
 pl. 1, fig. 1, 9 (along Guadalupe River, south central
 De Witt Co., Texas, Reynosa Formation: Tertiary). Holotype
 USNM 370999.
- <u>Prodiplodon</u> Marshall, genus: 1928, PUSNM <u>74</u>, art. 3, p. 1.
 Type species: Prodiplodon singewaldi Marshall, original designation [fossil].
- reynosenica Marshall, Eonaias: 1929, PUSNM 76, art. 1, p. 4, pl. 1, figs. 3, 4, 6 (along Guadalupe River, south Central De Witt Co., Texas, Reynosa Formation: Tertiary). Holotype USNM 371001.
- <u>Ruganodontites</u> Marshall, subgenus: 1931, Nautilis <u>45</u>: 16. Type species: <u>Anodontites colombiensis</u> Marshall, original designation. (Subgenus of <u>Anodontites</u>)
- salmonea Marshall, Anodontites: 1915, PUSNM 49: 527, pl. 67,
 figs. 1-3 (Ceara, Brazil). Holotype USNM 273688.
- <u>schadei</u> Marshall, <u>Anodontites</u>: 1934, Jour. Washington Acad. Sci.
 <u>24</u>: 80, figs. 4-6 (Tubicuary River, Aroja southern Paraguay).
 Holotype USNM 434732.
- singewaldi Marshall, Prodiplodon: 1928, PUSNM 74, art. 3, p. 2,
 pl. 1, figs. 3, 6 (Paucarpata on the Maranon River, Peru
 [fossil]). Holotype USNM 370808.

- smithi Marshall, Diplodon (Cyclomya): 1926, PUSNM 69, art. 12,
 p. 9, pl. 2, figs. 1, 7; pl. 3, fig. 6 (Tigre River, Buenos
 Aires, Argentina). Holotype USNM 363027.
- southalli Marshall, Cokeria 1916, Nautilus 29: 133, pl. 4

 (James River, Huron [Beadle Co.], South Dakota). Known
 only from the figured holotype USNM 215130.
- subcylindricus Marshall, Diplodon: 1922, PUSNM 61, art. 16,
 p. 3, pl. 2, figs. 1, 2; pl. 3, figs. 1, 2, 11 (Arroyo
 Manga, Department of Montevideo, Uruguay). Holotype USNM
 341375.
- subquadratus Marshall, Diplodon: 1922, PUSNM 61, art. 16, p. 3,
 pl. 2, figs. 6, 8; pl. 3, figs. 8-10 (Paysandu, Uruguay).
 Holotype USNM 335774.
- trivialoides Marshall, <u>Diplodon</u>: 1922, PUSNM <u>61</u>, art. 16, p. 5, pl. 1, figs. 12, 14; pl. 2, figs. 3, 5; pl. 3, fig. 12

 (Arroyo Bellaco, Department of Paysandu, Uruguay). Holotype USNM 335770.
- wheat'eyi Marshall, Hyria: 1926, PUSNM 69, art. 12, p. 7, pl. 1, figs. 3, 5; pl. 3, fig. 1 (Rio Negro, 1200 mi. up the Amazon [River, Brazil]). Holotype USNM 85336.
- yaguaronis Marshall, <u>Diplodon</u>: 1930, PUSNM <u>77</u>, art. 2, p. 5, pl. 2, figs. 2, 3, 5, 6 (Rio Yaguaron, Department of Cerro Largo, Uruguay). Holotype USNM 380554.















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